

mw B) short/long Q/Ans

ch-3 force

DT-28/7/2021

Q) Name the term used for the push or ~~push~~ pull.

Ans- The term that is used for push or pull is force.

Q) Give one example of a force

as i) push, ii) a pull iii) stretch ^{iv) squeeze} ~~iv) squeeze~~
door

Ans- i) push - To open a ~~drawer~~, we push it

ii) a pull - To move a grass roller on a lawn, it is pushed by a gardener

iii) stretch - Stretching a rubber string.

iv) squeeze - change in shape of a sponge on squeezing.

Extra Q/Ans

Q) Define force.

Ans- Force is a push or pull that is applied on ^{an} ~~the~~ object.

Q) Give an example of force as push and pull.

Ans- Ex- when we open a door we push it but when we close a door we ~~have~~ pull ~~it~~ it.

Q) Explain force as stretch with the help of an example.

Ans- Force as stretch means that when we stretch an object its shape changes.

but when we release ~~that~~ that object it comes back to its original shape. Ex-like when we stretch a rubber band its shape changes and it again gets back the shape if we will release it.

Ques
3) Explain the ~~term~~ meaning of the term force. 29/7/2021

Ans- The force is a push or pull that is applied on an object.

4) What effect can a force have on ~~an~~ a stationary body?

Ans- When a force is applied on a

A stationary body, it begins to move.

So a change in the state of

motion is observed

Extra Q/Ans

Q) Describe the different effects of force with appropriate examples.

Ans. The effects of force are:

1) A force can move a body originally at rest. Ex- ~~when~~ a ball is at rest and roll when it is kicked.

2) A force can stop a moving body:

ex- A cycle or any vehicle by

applying the brakes.

3) A force can make a moving body to move faster: Ex- a bicycle moves faster when more force is applied on the pedal by the cyclist.

4) A force can slow down a moving body: Ex- the speed of a ~~car~~ vehicle is slowed down by applying the brakes.

5) A force can change the direction of motion of a moving body. Ex-

a player ~~the~~ kicks the ball to
change ~~the~~ its direction of motion

5) A force can change the shape
or size of a body. Ex-on stretching
a rubber band its shape changes.